

TECHNICAL DATA SHEET

DATE: 19.02.2020
PRODUCT: PETITGRAIN BIGARADE PARAGUAY OIL
CODE: 100177900

CAS-EINECS 72968-50-4
CAS N° 8014-17-3
CHEMICAL IDENTIFICATION Orange, sour, oil
FEMA 2855
INDEX NUM. / INVENTORY NUM. -
EINECS / ELINCS 946-433-7(277-143-2)
BOTANICAL NAME Citrus aurantium Amara, L.
FLASH POINT 70°C
BOILING POINT -
FORMULA -
M.W. -
WATER SOLUBILITY INSOLUBLE

ORGANOLEPTIC PROPERTIES

ASPECT LIQUID
COLOR PALE YELLOW - CLARE YELLOW
ODOUR ORANGE FLOWER, FRESH

CHEMICAL AND PHYSICAL PROPERTIES

| | MIN | MAX |
|---|------------|------------|
| DENSITY 20°C (g/cm³) | 0,882 | 0,893 |
| REFRACTIVE INDEX 20°C | 1,4550 | 1,4630 |
| OPTICAL ROTATION (°) | -6,0 | 0,0 |
| SOLUBILITY VOL. ETHANOL 70° (25°C) | 1,0 | 4,0 |
| BETA PINENE (%) | 0,50 | 2,00 |
| SABINENE (%) | 0,10 | 0,50 |
| MYRCENE (%) | 1,30 | 2,70 |
| TRANS BETA OCIMENE (%) | 1,00 | 3,00 |
| LINALOOL (%) | 15,000 | 30,000 |
| LINALYL ACETATE (%) | 40,00 | 60,00 |
| CARYOPHYLLENE BETA (%) | 0,30 | 1,50 |
| TERPINEOL ALPHA (%) | 3,20 | 6,80 |
| NERYL ACETATE (%) | 1,00 | 3,00 |
| GERANYL ACETATE (%) | 2,00 | 5,00 |
| NEROL (%) | 0,50 | 2,00 |



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GERANIOL (%)

2,00

4,50

STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.